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METHOD AND APPARATUS FOR READ ERROR RECOVERY

Abstract of the Disclosure

A read error recovery procedure is disclosed that administers subsequent accesses of a track of a disc drive following an initial access of the track wherein multiple errors were encountered as data stored on the sectors was retrieved by a read/write head. During the initial access, the procedure logs information pertaining to the sectors on the disc where an error occurred. The logged information is then used during the read error recovery procedure to retrieve data from the sectors in a single revolution of the disc. The read error recovery procedure uses a skip mask, a vector buffer management list and a data throttling mechanism to administer a transfer of data from a disc to a host computer via a data buffer.